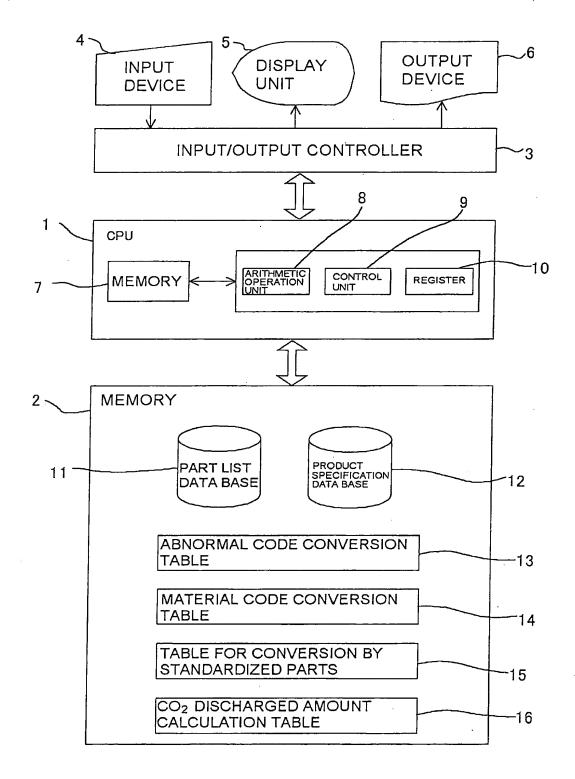
FIG. 1



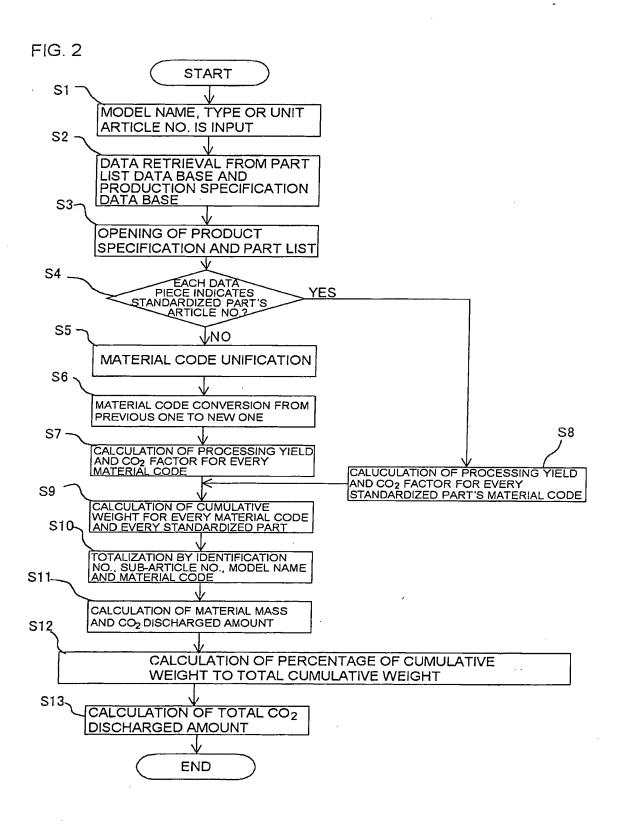


FIG. 3

(a) A LIST BEFORE EXTRACTION OF STANDARDIZED PART'S ARTICLE NUMBERS

TECHNICAL CONFIGURATION TEMP

	F TOTA	WEIGHT 20000	20000	20000	20000	20000	20000	30000	20000	20000	40000	40000	40000	40000		(c) STANDARDIZED PART'S	V ARTICLE NUMBERS	_	CATION ARTICLE MODEL MATERIAL PARENT COMPONENT WEIGHT CUMULATIVE TOTAL NO. NO. NAME CODE ARTICLE NO. NO. GUANTITY	XXXXXXXX 01010xxxxx A 30 60	1 PC200 YYYYYYY 01030XXXXX B 35 40	1 PG200 ZZZZZZZZ 01030XXXXX C 10			8				
I ECHNICAL CONFIGURATION TEMP	IDENTIFI- SUB. CATION ARTICLE MODEL MATERIAL PARENT ARTICLE NO. COMPONENT	SS41P A No.	10298 1 PC200 9 SS41B A b 30 80	n		10298 1 PC200 9SS40B A e 15 120	10298 1 PC200 XXXXXXXX 01010XXXXX A 20 60	10298 1 PC300 SS41P A a 30 20	10298 1 PC200 YYYYYYY 01020XXXXX B 25 40	10298 1 PC200 ZZZZZZZ 01030XXXXX C 10 90	10298 1 PG400 JISSS41P A a 5 12	10298 2 PC400 9 SS41P B a 5 10	10298 3 PC400 SS400P G a 5 15	•	(b) A LIST BEFORE MATERIAL CODE UNIFICATION	TECHNICAL CONFIGURATION TEMP	COMO-	NO. QUANTITY WEIGHT WEIGHT	1 PC200 SS41P A a 20 100 20000	10298, 1 PG200 9 SS41B A b 30 80 20000 10298	10298 1 PC200 9SS41P A c 25 300 20000 10298	10298 1 PC200 9 SS400B A d 40 80 20000 10298	10298 1 PC200 9SS40B A e 15 120 20000	10298 1 PC300 SS41P A a 30 20 30000	10298 1 PC400 JISSS41P A a 5 12 40000	10298 2 PC400 9 SS41P B a 5 10 40000	10298 3 PC400 SS400P C a 5 15 40000	10298 4 PC400 SS41P D a 5 20 40000	> ⋖

(b) ABNORMAL CODE CONVERSION TABLE ABNORMAL MATERIAL CODE ICONVERSION TABLE	ABNORMAL MATERIAL CODE MATERIAL CODE		JISSS40B 9SS41B	JISSS41P 9SS41P		9 SS41B 9SS41B	9 SS41P 9SS41P	9SS40B 9SS41B	(d) MATERIAL CODE CONVERSION TABLE	MATERIAL CODE CONVERSION TABLE	MATERIAL CODE PROCESSING	ONVERSION)		SS400B	SS400P	SS41B SS400B 0.60 0.314	9SS41B SS400B 0.60			000	20000	20000	20000	30000	40000	40000	40000	40000			
																	i		200	200	70	707	20	300	4	40	400	400			
			.E	0	_	0	0	_	0	0	0	_	- 0	ן ו				IG CO ₂ FACTOR	1.389	0.314	1.389	0.314	0.314	1.389	1.389	1.389	1.389	1.389			
		TOT OF	WEIGHT	20000	20000	20000	20000	20000	30000	40000	40000	40000	40000					PROCESSIN YIELD	0.70	09.0	0.70	09.0	09.0	0.70	0.70	0.70	0.70	0.70			
			WEIGHT														1	QUANTITY WEIGHT WEIGHT YIELD FACT	J	5	J	J	J	J	J	J	J	ر			
	9	Ē	Y WEIGHT	00	8	300	88	120	70	12	2	5	70			OW.		VEIGHT WE	8	80	300	8	120	70	12	유	15	20			
	THE TAKE	2 1	QUANTIT	20	8	25	\$	15	8	5	3	ιC	5			ION TE	5	UANTITY .	70	8	22	8	15	ස	ъ	2	ß	2	ı		
	NT/OIL	AL CONFIGURATION LEMP PARENT ARTICLE COMPONENT	NO. QUANTITY	a	۵	υ	ъ	Ф	æ	æ	w	a	в			TAGILE	PARENT ADTICLE COMPONENT	ō.	e e	Ф	ပ	ס	Ð	a	rć	eo.	æ	æ			
\checkmark		MENT TICLE	ń	∢	⋖	∢	∢	∢	< -	⋖	B	ပ	۵	ىل ى	∕→	SNE	ZENT C	Z	∢ '	∢	∢	∢	∀	4	∢	œ	ပ	٥	;	>	ပ
A	VICA	14 A B B B B B B B B B B B B B B B B B B		0	18	1P	908	18	n	Б	₽	Ъ		CODE	i))	ACINE	=											ł			
ATER!	TECHNIC	MATER	CODE	SS41P	9SS41B	9SS41P	9SS400B			9SS41P	9SS41P	SS400P	SS41P	TERIA	Î	THUH			SS400P	SS400B	SS400P	SS400B	SS400B	SS400P	SS400P	SS400P	SS400P	SS400P			
FIG. 4 (a) A LIST AFTER MATERIAL	2	SUB- ARTICLE MODEL	NAME	PC200	PC200	PC200	PC200	PC200	PC300	PC400	PC400	PC400	PC400	TER MA	-		IDENTIFI- SUB- CATION ARTICLE MODEL				PC200	PC200	PC200	PC300	PC400			PC400			
4 IST AF				-	-	-	-	-	-	_	7	က	4	ST AF	RSIO		- SUB- ARTICL	ġ,	_	-	-	_	-	_	-	2	3	4			
FIG. 4	3	IDENTIFICATION	Ö	10298	10298	10298	10298	10298	10298	10298	10298	10298	10298	(c) A LIST AFTER MATERIAL C	CONVERSION		CATION	NO.	10298	10298	10298	10298	10298	10298	10298	10298	10298	10298			

STANDARDIZED PART CODE
CONVERSION TABLE
STANDARDIZED PART'S PROCESSING CO2
ARTICLE NO.
VIELD FACTOR
01010XXXXXX 0.57 0.546 (c) STANDARDIZED PART CODE 1.389 0.314 CONVERSION TABLE 0.70 0.60 0102077777 0103022222 \circ 20000 20000 40000 20000 2000 20000 20000 20000 20000 30000 40000 40000 40000 20000 20000 20000 1.389 0.314 1.389 0.314 1.389 1.389 0.546 1.389 PARENT ARTICLE COMPONENT QUANTITY WEIGHT WEIGHT YIELD FACTOR 0.314 1.389 1.389 0.314 1.389 0.546 0.314 PARENT ARTICLE COMPONENT QUANTITY WEIGHT WEIGHT YIELD 0.60 0.60 0.70 0.70 0.70 0.57 0.70 0.60 0.70 0.70 0.57 0.60 7500 3200 1800 1200 900 8 9 90 9 75 TECHNICAL CONFIGURATION TEMP TECHNICAL CONFIGURATION TEMP 9 40 90 8 300 8 20 9 6 5 20 90 2 25 9 25 4 20 25 Þ۵ \mathbf{m} ⋖ (a) CALCULATION OF PROCESSING YIELDS (b) CALCULATION OF CUMULATIVE WEIGHT 01010XXXXX 01020XXXX 01020XXXX 01030XXXX 01010XXXXX 01030XXXX ÀND CO2 FACTORS ASSOCIATED WITH STANDARDIZED PART'S ARTICLE NOS. 01010 SS400B SS400P SS400P MATERIAL MATERIAL SS400P SS400P SS400B SS400B SS400P SS400P SS400P 01020 01010 01030 01020 01030 SUB-ARTICLE MODEL NO. NAME PC400 PC400 PC400 PC200 PC200 PC200 PC200 PC300 PC400 PC200 PC200 IDENTIFI- SUB.
CATION ARTICLE MODEL
NO. NO. NAME PC200 PC200 PC200 PC200 PC200 FIG. 5 DENTIFI- S CATION / NO. 10298 10298 10298 10298 10298 10298 10298 10298 10298 10298 10298 10298 10298 10298 10298

FIG. 6

Ď	(a) TOTALIZATION BY IDENTIFICATION NO.,
1	SUB-ARTICLE NO., MADEL NAME AND MATERIAL CODE

	TECHNICAL CONFIGURATION TEMP													
IDENTIFI- CATION NO.	SUB- ARTIC NO.	LE MODEL	MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PROCESSING YIELD	CO ₂ FACTOR	TOTAL WEIGHT						
10298	1	PC200	SS400P	Α	9500	0.70	1.389	20000						
10298	1	PG200	SS400B	Α	5600	0.60	0.314	20000						
10298	1	PG200	SS400B	Α	1800	0.60	0.314	20000						
10298	1	PG300	SS400P	Α	600	0.70	1.389	30000						
10298	1	PG200	01010	01010XXXXX	1200	0.57	0.546	20000						
10298	1	PC200	01020	01020XXXXX	1000	0.70	1.389	20000						
10298	1	PG200	01030	01030XXXXX	900	0.60	0.314	20000						
10298	1	PG400	SS400P	Α	60	0.70	1.389	40000						
10298	2	PC400	SS400P	В	75	0.70	1.389	40000						
10298	3	PC400	\$\$400P	С	50	0.70	1.389	40000						
10298	4	PC400	SS400P	D	100	0.70	1.389	40000						

(b) CALCULATION OF MATERIAL MASS AND CO_2 DISCHARGED AMOUNT

IDENTIFI-	sue-		TECH	NICAL CONF	IGURATIO	N TEMP	-		CO ₂	
CATION NO.	ARTI		L MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PROCESSING YIELD	MATERIAL MASS	CO _Z FACTOR	DISDHARGED AMOUNT	TOTAL WEIGHT
10298	1	PC200	SS400P	Α	9500	0.70	13571	1.389	18850	20000
10298	1	PC200	SS400B	Α	5600	0.60	1500	0.314	2931	20000
10298	1	PC200	9SS400B	Α	1800	0.60	3000	0.314	942	20000
10298	1	PC300	SS400P	Α	600	0.70	857	1.389	1190	30000
10298	1	PC200	01010	01010XXXXX	1200	0.57	2105	0.546	1149	20000
10298	1	PG200	01020	01020XXXXX	1000	0.70	429	1.389	596	20000
10298	1	PC200	01030	01030XXXXX	900	0.60	1429	0.314	449	20000
10298	1	PC400	SS400P	Α	60	0.70	57	1.389	79	40000
10298	2	PC400	SS400P	В	75	0.70	107	1.389	149	40000
10298	3	PC400	SS400P	C	50	0.70	71	1.389	99	40000
10298	4	PC400	SS400P	D	100	0.70	143	1.389	199	40000

(c) CALCULATION OF PERCENTAGE

ľ												
IDENTIFI- CATION NO.	SUB- ARTIO NO.	CLE MODE NAME	L MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PER- CENT- AGE	PER- CENT- AGE	PROCESSING YIELD	MATERIAL MASS	CO ₂ FACTOR	CO ₂ DISDHARGED AMOUNT	TOTAL WEIGHT
10298	1	PC200	SS400P	Α	9500	47.5	47.5	0.70	1214	1.389	18850	20000
10298	1	PC200	\$\$400B	Α	5600	28.0	75.5	0.60	1500	0.314	2931	20000
10298	1	PG200	9SS400B	Α	1800	9.0	84.5	0.60	1333	0.314	942	20000
10298	1	PC200	OTHER		1200	15.5	100.0				2194	20000
				TOTAL	20000	100.0					24917	

(d) TABLE FOR CALCULATION OF DISCHARGED AMOUNT BY MODEL NAME

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FIG. 7

(a) DISCHARGE CALCULATION RESULT

	r		V (a) DISCHARGE CALCULATION									
	1	DISCHARGE CALCULATIO	N RESULT CODE									
	CODE	DESCRIPTION	DISCHARGE MASS	DISCHARGE PER HOUR								
	Y1	MATERIAL PREPARATION STAGE	OOkg	OOkg/h								
	Y2	PROCESSING/ASSEMBLING STAGE	OOkg	OOkg/h								
	→ >c1	MANUFACTURING STAGE FACTOR	OOkg/L									
	 > D1	CONSUMPTION STAGE FACTOR	OOkg/L									
	l w	VEHICLE BODY MASS	OOt									
	V1	VOLUME OF CONSUMED FUEL (DELIVERY FROM FACTORY)	OOL	OOkg/h								
1	E	FUEL CONSUMPTION	OOL/h									
1	T	OPERATING TIME (DURABILITY)	OOh									
	V2	VOLUME OF CONSUMED FUEL (OPERATION STAGE)	OOL	OOkg/h								
	V3	VOLUME OF CONSUMED FUEL (DELIVERY IN JOB SITE)	OOL	OOkg/h								
	Y31	DELIVERY/OPERATION STAGE (FUEL)	OOkg	OOkg/h								
	 > C2	MANUFACTURING STAGE FACTOR	OOkg/L	_								
-	- 	CONSUMPTION STAGE FACTOR	OOkg/L									
	V4	FILLING VOLUME	OOL									
	ТО	REPLACEMENT TIME	OOh	}								
	Y32	DELIVERY/OPERATION STAGE (HUDRAULIC OIL)	OOkg	OOkg/h								
ļ	Y3	DELIVERY/OPERATION STAGE	OOkg	OOkg/h								
	V5	VOLUME OF CONSUMED FUEL	OOL									
]	Y41	DISPOSAL STAGE	OOkg	OOkg/h								
	 	MANUFACTURING STAGE FACTOR	OOkg/L									
	 > D3	CONSUMPTION STAGE FACTOR	OOkg/L									
<u> </u>	t	THICKNESS	OOmm									
	L	FUSING LENGTH	OOm									
	V6	VOLUME OF CONSUMED PROPANE GAS	s OOL									
	> C4	MANUFACTURING STAGE FACTOR	OOkg/L	1								
	→ D4	CONSUMPTION STAGE FACTOR	OOkg/L	-								
	V7	VOLUME OF CONSUMED OXYGEN GAS	OOL	İ								
	Y42	DISASSEMBLING STAGE	OOkg	OOkg/h								
	Y4	DISPOSAL/DISASSEMBLING STAGE	OOkg	OOkg/h								
	Y	CO2 DISCHARGE MASS	OOkg	OOkg/h								

(b) FACTOR PARAMETER

			FACTOR PAR	RAMETER	, , , , , , , , , , , , , , , , , , , ,		
 PROCESSI MANUFACTURING	NG/ASSEMBL		CONSTRUCTION	DELIVI	ERY/OPERATION	ON STAGE	-
	STAGE FACTOR	MANUFACTURING STAGE FACTOR	STAGE FACTOR	STAGE FACTOR	STAGE FACTOR		CONSUMPTION STAGE FACTOR
00		00	_00	00	00	_ 00	00